

**Work Order ID 61609**

Monday, August 30, 2010 1:33:49 PM



Page 1

Item ID: D412-704-041

Accept



Setup

Start



Revision ID:

Item Name: Pedal Assembly (205/212/214/412)

Stop



Start Date: 8/30/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 9/6/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan:



Date: 10-8-30 Tooling:

Date:

Run

Start



QC:

Date: SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberReject  
NumberInsp.  
Stamp

Draw Nbr	Revision Nbr
D412-704-041	Rev A

100



Small Fab

0.00

Small Fab

Memo

0.00

Assemble pedal as per Dwg D412-704-041  
Tighten & Torque Bolts as per Dwg D412-704-041

110



QC5- Inspect part completeness to step on W/O

0.00

QC

Memo

0.00

Quality Control

120



Pick Kit

0.00

Packaging

Memo

0.00

Packaging

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D412-704-041

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Revision ID:

Item Name: Pedal Assembly (205/212/214/412)

Stop



Start Date: 8/30/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 9/6/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

8/30/08/31

140



Packaging

Packaging

Identify as per dwg &amp; Stock Location: 57/91 0.00

0.00

8/30/08/31 (2)

150



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/09/08/31 (2)

MF

10-9-1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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## Picklist Print

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Work Order ID: 61609



**Parent Item:** D412-704-041



**Parent Item Name:** Pedal Assembly (205/212/214/412)

**Start Date:** 8/30/2010

**Required Date:** 9/6/2010

**Start Qty: 2.00**

**Required Qty: 2.00**

**Comments:** IPP Rev:B 05.01.28 Removed hardware on Step 2; Added Figures 1-3 KJ/RF  
IPP Rev:C 06.03.08 Re-format EC  
IPP Rev:D 07-03-20 Added Dwg D412-704-041 07-03-20 JLM  
IPP Rev:E 07.05.02 Reformat EC  
IPP Rev:F 08-10-08 as per revB DD verified by:EC

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 61609



Parent Item: D412-704-041



Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 2.00

Required Qty: 2.00

AN4-12A



Bolt

Purchased

No

100

Each

323.0000

2



EB0/08/31

4

Location	Loc Qty	Loc Code
ST357	323	
112314	123	
115371	40	
115422	160	

AN4-13A



Bolt

Purchased

No

100

Each

740.0000

1



EB0/08/31

2

Location	Loc Qty	Loc Code
ST357	240	
115108	240	
ST358	500	
115159	500	

AN960JD10



Washer

NAS1149D0363J Purchased

No

100

Each

6.0000

5



EB0/08/31

10

Location	Loc Qty	Loc Code
ST	6	
107715	6	

AN960JD416



Washer

NAS1149D0463J Purchased

No

100

Each

0.0000

11



EB0/08/31

22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 61609



Parent Item: D412-704-041



Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 2.00

Required Qty: 2.00

AN960JD416L

NAS1149D0416J Purchased

No

100

Each

309.0000

3

6

EB 30/08/31

Washer

## Location

ST346

## Loc Qty

309

## Loc Code

106785

110153

249

## Location

ST197

## Loc Qty

2

## Loc Code

57457

## Location

ST197

## Loc Qty

6

## Loc Code

55731

## Location

ST197

## Loc Qty

8

## Loc Code

47491

100

Each

8.0000

1

2

EB 30/08/31

## Location

ST197

## Loc Qty

11

## Loc Code

55732

11

D3204-041



Release Pedal Assembly

Manufactured

No

100

Each

2.0000

1

2

EB 30/08/31

D3205-1



Pedal Bracket

Manufactured

No

100

Each

6.0000

1

2

EB 30/08/31

D3205-3



Back Plate

Manufactured

No

100

Each

8.0000

1

2

EB 30/08/31

D3206-1



Pedal Arm

Manufactured

No

100

Each

11.0000

1

2

EB 30/08/31

355763 QW

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 61609



Parent Item: D412-704-041



Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 8/30/2010

Required Date: 9/6/2010

D3209-041



Bracket Assembly

Manufactured

No

100

Each

7.0000

1



2

EBS/08/31

MS21042L3



Nut

Purchased

No

100

Each

2,174.000

1



2

EBS/08/31

MS21042L4



Nut

Purchased

No

100

Each

2,535.000

5



10

EBS/08/31

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Parent Item: D412-704-041



Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 2.00

Required Qty: 2.00

MS24694-S102



Screw

Purchased

No

100

Each

58.0000

1

2

EBro/08/31

MS9519-10



Bolt

Purchased

No

100

Each

38.0000

1

2

EBro/08/31

AN3-6A



Bolt

Purchased

No

120

Each

270.0000

2

2

10/8/31 sf

NAN960JD10L



Washer

NAS1149D0332J

Purchased

No

120

Each

2,479.000

4

8

10/8/31 sf (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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# Picklist Print

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Work Order ID: 61609



Parent Item: D412-704-041



Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 2.00

Required Qty: 2.00

MS21042L3



Purchased

No

120

Each

2,174.000

1

4



10/8/31

2x SF

S Nut  
42

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST300	2174	
114523	115	
114718	59	
114784	2000	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

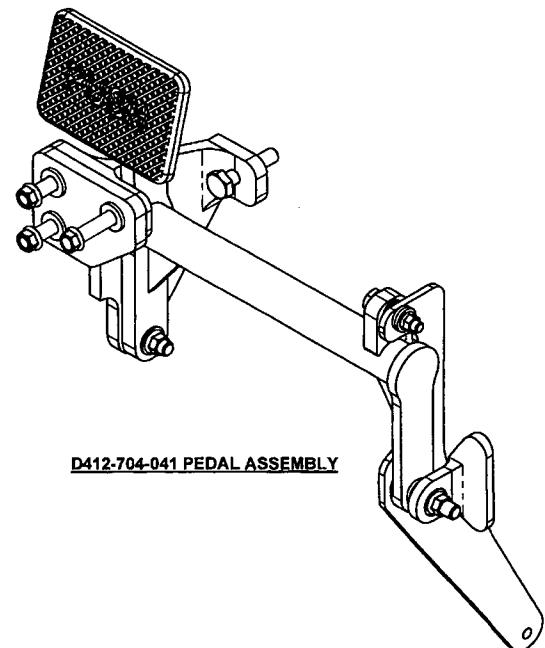
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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SHOP COPY  
RETURN TO  
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UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER

NO. *01609*  
*0810-8-30*



**D412-704-041 PEDAL ASSEMBLY**

**EXPLODED ASSEMBLY VIEW**

**PARTS LIST:**

ITEM	QTY	P/N	DESCRIPTION
-	X	D412-704-041	PEDAL ASSEMBLY
1	1	D3204-041	PEDAL WELDMNT
2	1	D3205-1	PEDAL BRACKET
3	1	D3205-3	BACK PLATE
4	1	D3206-1	PEDAL ARM
5	1	D3209-041	BRACKET ASSEMBLY
6	1	AN3-10A	BOLT
7	1	AN315-4R	NUT
8	1	AN4-10A	BOLT
9	2	AN4-12A	BOLT
10	1	AN4-13A	BOLT
11	5	AN960JD10	WASHER
12	11	AN960JD416	WASHER
13	3	AN960JD416L	WASHER
14	1	MS21042L3	NUT (OR MS21042-3)
15	5	MS21042L4	NUT (OR MS21042-4)
16	1	MS24694-S102	SCREW
17	1	MS9519-10	BOLT
N/A*	2	AN3-6A	BOLT
N/A*	4	AN960JD10L	WASHER
N/A*	2	MS21042L3	NUT (OR MS21042-3)

\* SHIPPED LOOSE WITH -041 KIT (NOT PRE-ASSEMBLED AT DART)

**NOTES:**

- 1) INSTALL IDENTIFIED FASTENERS LOOSE (HAND TIGHTEN ONLY).
- 2) TIGHTEN IDENTIFIED FASTENERS UNTIL SNUG. ENSURE THAT PARTS CAN STILL ROTATE.
- 3) TORQUE IDENTIFIED FASTENERS TO 15-25 in-lbs (1.7-2.8 N-m).

REV	07.01.23	NEW ISSUE	DESCRIPTION
DESIGN	DRAWN BY		DART AEROSPACE LTD
CB	CB		HAWKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO.	REV. A
CE	MM	D412-704-041	SHEET 1 OF 1
DATE	TITLE	SCALE	1:2
07.01.23	PEDAL ASSEMBLY		

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*07.01.23*

W/O:		WORK ORDER CHANGES					
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